

Dynamic Transfer Limits Study: Methodology and Results

- $DTC = \text{Studied Limit} - \text{Historic Uses} - \text{Reliability Margin}$
- Studied Limit: Limited by voltage sensitivity, reactive support, RAS
- Historic Use:
 - Capacity tied to historic arrangements for Dynamic Transfer
 - Historical uses (reserve deployment, generation imbalance, load following, etc.) as measured by SCADA*
 - Reliability margin (generation patterns, load variation, outages, etc.)
- *DTC values represent an initial evaluation and may be adjusted during the pilot as the study progresses and as Bonneville gains experience with the methodology.*

Name	Studied Dynamic Transfer Limit (may be reduced by system conditions)	Historic Use SCADA Measured Use	Reliability Margin	Dynamic Transfer Capability Available for New Dynamic Agreements
COI	500	500 *	0 *	0
NORTHWEST - CANADA	300	300 *	0 *	0
MONTANA - NORTHWEST	110	35	11	64
IDAHO-NW	200	50	20	130
NORTH OF HANFORD	320	85	32	203
NORTH OF JOHN DAY	350	115	35	200
SOUTH OF ALLSTON	300	45	30	225
WEST OF CASCADES - NORTH	320	85	32	203
WEST OF CASCADES - SOUTH	280	55	28	197
WEST OF MCNARY	150	30	15	105
WEST OF SLATT	150	45	15	90

* Except in the cases of the COI and Northern Intertie, where information from existing signals was used

